

APPROVED FOR RELEASE: Tuesday, November 13, 2001

CIA-RDP84-00581R0001

Riccoboni, L., Tagliavini, G., and Arich, G.  
LIQUID VAPOR EQUILIBRIUM. I. EXPERIMENTAL  
MEASURING APPARATUS. 8p 11refs.  
Order from SLA \$1.10  
Trans. of [la] Chimica e l'Industria (Italy) 1955, v. 37  
[no. 7] p. 541-545.

TT-64-18512

TT-64-18512  
I. Riccoboni, L.  
II. Tagliavini, G.  
III. Arich, G.

(Chemistry--Physical, TT, v. 12, no. 7)

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Riccoboni, Luigi.

ABSORPTION SPECTRA OF SOME ORGANOMETALLIC COMPOUNDS OF TIN AND LEAD. [1963] 33p (figs omitted) 58refs

Order from SLA \$3.60

63-18971

Trans. of Gazz[etta] Chim[ica] Ital[iana] 1941, v. 71, p. 696-713.

DESCRIPTIONS: \*Metalorganic compounds, \*Tin compounds, \*Lead compounds, Ethyl radicals, \*Ultraviolet spectroscopy, \*Absorption spectrum, Molecular structure, Dissociation, Photochemistry.

(Chemistry--Physical, TT, v. 10, no. 11)

63-18971  
I. Riccoboni, L.

... 63-18971

Office of Technical Services

Hydrocracking Process, by T. Rice, H. Beuther.  
BELGIUM, Patent 647 004. 13p.  
SIA TT-66-10524

J. Rice

Sci-Chem  
Aug 66

308,529

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CIA-RDP84-00581R0001

Main Characteristics of a Works Transport  
System for a Large Integrated Steel Works  
to be Constructed in 1980, by C. Barlocco,  
AxxRta A. Ricci.

ITALIAN, rpt, Paper Presented at the  
International Works Transport Conference,  
Paris, May 1963.

BISI 3400

Sci - Engr  
Nov 63

241, 685

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CIA-RDP84-00581R0001

Determination of the Value of Parameters for  
Which an Automatic System is Stable, by  
Donald C. Rich, G. F. Hill, 21 pp.

RUSSIAN, per, Avtom i Telemekh, Vol IX,  
No 3, 1948, pp 190-203. 9094989

OTS-61-23648  
Tr No 33-61

Sci - Engr

179, 303

17 Jan 62

On the Application of the Zone-Melting Technique for Obtaining a Very High Purification of Aluminum, by E. Montariol, H. Rich, P. Albert, G. Chaudron, 4 pp.

FRENCH, per, Comptes Rendus, Vol CCXVIII, No 7, 1954, pp 815-817.

SLA 57-2769

Sci  
Aug 58

70, 890

TT-65-14067      Field 9C

Richalet, J.  
THE BOOLEAN OPERATIONAL CALCULUS. 40p, 11refs.  
Order from SLA: \$3.60 as TT-65-14067

Trans. of l'Onde Electrique (France) v43 n439 p1003-21  
1963.

MR 672

Richard, Abel,  
CONTRIBUTION TO THE STUDY OF THE MECH-  
ANISM AND DIAGNOSIS IN SEVERAL CASES OF  
INTOXICATION OF THE NERVOUS SYSTEM (Con-  
tribution à l'Etude du Mécanisme et du Diagnostic de  
Quelques Intoxications du Système Nerveux). Nov 60,  
8p.

Order from SLA \$1.10

62-10268

Trans. of [Journal de Physiologie] (France) 1937,  
v. 35, p. 735-739.

DESCRIPTORS: \*Poisons, \*Nervous system, Lead,  
Toxicity, \*Diagnosis, \*Brain.

(Unannounced)

62-10268

I. Richard, A.

4455

Office of Technical Services

Construction of Electric Arc Furnaces, by  
Barbezanges, Richard. ~~UNCLASSIFIED~~

FRENCH, per, L'Acierie Electrique, No 1,  
Part 1, 1957, pp 1-40.

Co-op Tr Sch  
Tr 941

Sci - Engr  
Aug 58

68,838

Notes on the Solidification and Rimming of Basic Bessemer Ingots Weighing 4.6 Tons, by Duflot, Richard.

FRENCH, per, Rev Met, Sep 1954, pp 623-657.

Co-op Tr Sch Tr 663

Sci - Min/met  
Jan 58

57,758

Orientated Crystal Sheets and New Methods of  
Measuring Iron Losses, by A. Richard. UNCL

PRECH, per, Rev General Elect, Vol LXIII,  
No 12, 1954.

British Iron and Steel Ind  
(no number given)

Sci - Min/Mat  
Sep 59

98,355

Richard, Abel.

THE STUDY OF STIMULANTS AND ARTIFICIAL  
PARADISES. [1962] 4<sup>th</sup> p.  
Order from K-H \$60.00

K-H 3779-1

Trans. of Rev[ue de] Path[ologie] Générale et Com-  
parée] (France) 1955, v. 55, no. 667, p. 527-556.

DESCRIPTORS: \*Drugs, Stimulation, Nervous system,  
\*Reaction (Psychology).

62-22680

I. Richard, A.  
II. K-H-3779-1  
III. Kresge-Hooker Science  
Library Associates,  
Detroit, Mich.

4236547

(Biological Sciences--Pharmacology, TT, v. 9, no. 1)

Office of Technical Services

The Production of Heavy Copper Castings, by E. W.  
Richards, 7 p.

GERMAN, per, Giessereipraxis, 1937, Vol LVIII,  
No 23/24, pp 230-234.

SLA 59-20911

Sci  
Mar 60  
Vol 3, No 1

110, 956

Richard, K. and Reiner, Helmuth.  
EXPERIMENTAL INSTALLATIONS AND PROCEDURES  
Part 1 of Behaviour of Heat-Resistant Steels during  
Creep Testing [at Temperatures] of 500-700°C. Apr 58  
[15]p. 11 refs.  
Order from SLA \$1.60

61-16305

Trans. of Arch[iv für das] Eisenhüttenwesen (West  
Germany) 1957, v. 28 [no. 5/6] p. 245-252.

DESCRIPTORS: \*Heat resistant alloys, \*Steel, \*Creep,  
Stresses, Tests, Test methods, Test facilities.

61-16305

I. Richard, K.  
II. Reiner, H.  
III. Title: Behaviour ...

Office of Technical Services

(Metallurgy--Ferrous Metals, TT, v. 6, no. 3)

Rayon From Animal Substances, by H. Richards,  
5 pp.

GERMAN, per, Monatschrift fuer Textil-Industrie,  
Vol XLIX, 1934, pp 50-52.

SLA 60-10146

Sci

Jun 60

118, 327

The Effect of Colicin in Perichondritis of  
the Auricle Due to Pyocogenic Bacteria, by  
J. Bordini, J. Richard.

REF ID: APR 1960  
MILITAR, PAR, Annals d'Oto-Laryngologie  
Vol LXXVII, No 6, 1960 pp 692-696.  
SIA ZP-64-10676

J. Richard

Jan 67

31794

Richard, K., Gaube, E., and Diedrich, G.  
TIME RESISTANCE OF PLASTIC PIPE: PVC AND  
ZIEGLER POLYETHYLENE AS RAW MATERIALS.  
[1963] 14p. (figs. omitted) 6 refs.  
Order from SLA \$1.60

63-14187

Trans. of Kunstatoffe (West Germany) 1959, v. 49,  
no. 11, p. 616-621.

DESCRIPTORS: \*Plastic tubing, \*Pipes, \*Polyvinyl  
chloride, \*Polyethylene plastics, Thermoplastics,  
Stresses, Time, Tolerances (Mechanics), \*Ziegler  
catalysts, Ziegler catalysts.

In thermoplastic materials, which are to be mechanically stressed for long periods, cold flow reduces the stress capacity to a fraction of the short-term strength. Pressure pipe must therefore be designed with stress characteristics which are valid also for long periods of (Materials--Plastics, TT, v. 10, no. 5) (over)

63-14187

I. Richard, K.  
II. Gaube, E.  
III. Diedrich, G.  
IV. Title: PVC,..

A242671

Office of Technical Services

Richard, K., Sigwart, H. and others.  
SCATTER OF RESULTS OF LONG-TIME CREEP  
TESTS: DISCUSSION OF PAPERS SUBMITTED TO  
GROUP 5. [1958] 3p. 2 refs.  
Order from SLA \$1.10

61-16508

Trans. of Archiv für das Eisenhüttenwesen (West  
Germany) 1957, v. 28, no. 11, p. 729-730.

DESCRIPTORS: \*Steel, Creep, Tests

(Metallurgy--Ferrous Metals TT, v. 6, no. 4)

61-16508

I. Richard, K.  
II. Sigwart, H.

Office of Technical Services

THUM, A.  
RICHARD, K.

Archiv Eisenhüttenwesen, vol. 15, 30 figures,  
4 tables, 10,000 words; 1941.

Rabrittlement and Damage Line of High Temperature  
Strength Steels under Creep Loads.

Brücker Trans, Order No. 1131, \$ 12.50

A 9852

20

Low Pressure Polyethylene Pipe for Drinking Water,  
by K. Richard, B. Gaohe, G. Diedrich, 31 pp.

GERMAN, per, Kunststoffe, Vol XLIX, No 10, Oct  
1959, pp 516-525.

SLA 77-64-30669

Dept of ~~Minis~~ Commerce  
Dr Henry Birnbaum  
Natl Bur of Standards

Sci - Engr  
Mar 60

110,429

Multiaxially Strengthened Films of Low Pressure Polyolefins; Characteristics and Problems of Orienting and Testing, by K. Richard, D. Diedrich et al, 18 pp.

GERMAN, per, Kunststoffe, Vol XLIX, No 12, 1959,  
pp 671-678.

SLA 60-14535

Sci

Apr 61

OTS, Vol III, No 12

163,278

Tubing from Low-Pressure Polyethylene, by K.  
Richard and G. Diedrich.

GERMAN, per, Kunststoffe, Vol XLVI, 1956, pp  
183-190.

ASLIB-GB57

Sci

Aug 58

71,405

The Cold Stretching of Low-Pressure  
Polyethylene, by K. Richard, E. Gaube, 22 pp.

GERMAN, per, Kunstoffe, Vol XLVI, 1956,  
pp 262-269.

44-107-13-3

CIA/PDD XX-252

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chemistry  
Feb 1957 CTS/dex  
IAC INTERNAL USE ONLY

44, 195

THIE, A.  
RICHARD, K.

ARCHIV FÜR DAS EISENHUTTENWESEN, vol 20, 1949, #7-8,  
pp 229-242

The Damage Line During Creep Stressing

Brutcher Trans # 2450, \$23.80

A 9853

Etude sur la céramique à au titanate de baryum  
sous des pressions élevées, by M. Richard, 17 pp.

GERMAN to FRENCH, per, Annalen der Phys., Vol. VIII,  
No 7, 8, 1961, pp 333-341. 9218393

Reverse Translation  
CRA-4-1385

Sci  
Feb 64

Sizing of Writing Paper, A Study of Testing  
Methods and Inks Used, by P. Richard, 11 pp.

FRENCH, per, Bulletin Association Technique de  
l'Industrie Papetiere, No 4, 1956, pp 106-112.

SLA 60-10005

146,105

Sci

Apr 61

Continuous Process of Precipitation of Plutonium  
Salts, by Pierre Richard, 60 pp  
FRENCH, rpt, 1967  
ABC OWN-TR-1720

29

P911354567

Pierre Richard

Sci-Chemistry  
Nov 67

344,272

The Spectrophotometry of the Intense Emission Lines  
of the Chromosphere. Part II. The H line of the  
X Spicules, by R. Richard, 8 pp.

Full tr

FRENCH, per, Annales D'Astrophysique, Vol XIX, No 1,  
Jan/Feb 1956, pp 1-8.

NAVY Tr No 1387/NRL 574

Sci - Astronomy  
Oct 1956 CMS/dex

40,281

100,000 Hr Creep Tests at 500° C on Various Types  
of Steel, by Thum, Richard.

GERMAN, per, Arch Eisenhuttenwesen, Vol XXVIII, Pt  
5/6, May/Jun 1957, pp 325-337.

Co-op Tr Sch Tr 747

Sci - Engr  
Feb 58

58,261

Clinical Trial of Phenothiazine, by R. Jarral,  
H. Richardson,  
EMECU, pnr, Archives House of Society, Vol. 1,  
1960, pp. 243-252.  
EMC-60-13327-030

*M. Richardson*

Scd-JRN  
Feb 70

403,060

RICHARDS, E. T.

Deoxidizing Action of Phosphorus on Copper Alloys.

GIESSEREIPRAXIS; vol 54, 1933, pp 454-455; 3000 words.

Brutcher No 171, \$ 6.00

H 9854

RICHARD, E. T.

Archiv Fur Metallkunde, vol. 2, 1947, p. 139; 1100 words;

On the Stripping of Copper, Brass, and Bronze  
Coatings from Scrap and Wastes.

Brutcher Trans, Order No. 2290, \$1.95.

A 9855

Technical & Aspects of Sound, by E. G. Richardson.

UNKNOWN, Vol III, 1962

Elservier

Sci - Phys  
Nov 63

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CIA-RDP84-00581R0001

Biague des Cartes

Photographic Tinting of  
Maps

Geographic Maps, Photograph  
Tinting

France

French

ME Br, 14 pp

Not classified

Sep CTS A 9257

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CIA-RDP84-00581R0001

Artificial Growing of Single Crystals of Mullite  
and the Phase Relationships Encountered, by A.  
Neuhaus, W. Richartz, 15 pp.

GERMAN, per, Deutsche Keramische Gesellschaft  
Berichte, Vol XXXV, No 4, 1958, pp 108-116.

AT&T 46X290

Sci Phys  
Jun 59  
GHS I, 10

89,710

Using Additions of Al, Ti, Zr and Si when  
Melting High Speed Steels, by G. Richau.  
Gesellschaft, per, Die Technik, Vol 16, Jul 1963,  
pp 473-475.  
REF ID: 5311

G. Richau

Sci - Materials  
Jan 67

Electrolytic Oxidation and Galvanic Deposits on  
Titanium, by H. Richard, 15 pp.

FRENCH, per, Rev Met, Vol LIV, 1957, pp  
787-792.

ABC 3319

Sci - Min/Met

Oct 58

74, 881

Influence of the Method of Casting Aluminium  
on the Distribution of the Impurities and  
the Appearance After Anodic Oxidation,  
by H. Richard.

FRENCH, per, Revue de l'Aluminium, 1  
Vol XXXIII, No 237, 1956, pp 1069-1043,  
and Revue de Metallurgie, Vol LI, No 1,  
1954, pp 13-16.

Sci - Min/Met  
Jul 62

CSIRO 207,7/7

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CIA-RDP84-00581R0001

~~AN INVESTIGATION OF Casting Aluminum on the  
Effect of Oxidation, by H. Richaud, 9 pp. UNCLASSIFIED.~~

Pr. CH, per, Rev Met, Vol LI, 1954, pp 13-16.

AEC Tr-1944  
SLA Tr 128/56  
19,281

Scientific - Min/Metals

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CIA-RDP84-00581R0001

13  
Second Building and Construction of the  
National Air-Force, by M. M. Michalson, 9 pp.  
2-2, 1961  
AFRICA ALGERIA

AFRICA-ALGERIA  
2-2  
JUL 1961

304,025

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CIA-RDP84-00581R0001

Contribution to the Morphology and Combination With  
Water of Calcium Silicate Hydrates and to the  
Structure of the Hardened Cement Paste, by W.  
Richartz, F. Locher.  
GERMAN, per Zem. Kalk Gips, Vol. 18, No. 9, 1965,  
pp 449-459  
CSIRO/Mo. 7844

W. Richartz

Sci -  
Aug 67

339-493

The Technique of Thinning Sugar Beet by  
Mechanical Means, by W. Richarz, 4 pp.

GERMAN, per, Landtechnische Forschung,  
Vol VIII, No 6, 1957, pp 149-155.

CSTRO

Sci - Engr  
Nov 61

174,375

Experience With Deoxidation Waste in the Linz-  
Dessauer Converter by Injection of Carbon, by  
W. Kunkel, G. Richau.

GERMAN, per, Neue Hütte, Vol VI, 1961, pp 73-81.

BEST 3048

Sci & Eng  
Mar 63

224,464

94  
The Use of Aluminium, Titanium, Zirconium and  
Nitrogen Additions in the Production of High  
Speed Steels. by G. Richau.  
Gesamt. por. Met Technik, Vol 18, Jul 1963, pp  
473-475.  
RDSI 5211

Sci-Met  
Mar 68

349.249

G. Richau

The French Aerospace Industry Can Still Be  
Saved, by J. M. Riche, 6 pp. GJO  
FRENCH, np, Combat, 21 Sep 1965, p 6.  
JPRS GJO 935

Sci - Aero  
Nov 65

291,728

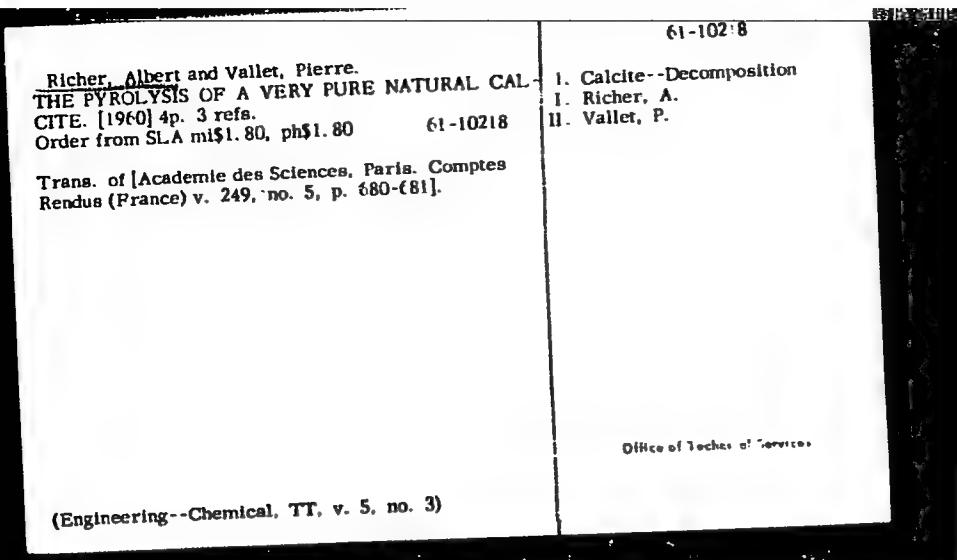
Study of Dolomite Pyrolysis in Dry  
Nitrogen and Carbonic Gas at a Linearly  
Increasing Temperature, by A. Richar, P. Vallot.  
URCL

FRENCH, per, Rev Met, Sep 1953, pp 597-602.

British Iron and Steel Ind  
(no number given)

98, 356

Sci - Phys  
Sep 59



The Stability of Certain High Polymers, by K.  
Richerd and G. Deidrich.

GERMAN, per, Kunststoffe, Vol XLV, No 10, 1955,  
pp 429-433.

ASLIB-GB39

Sci

Aug 58

71,642

SPECTROMETRIC ULTIMATE ANALYSIS OF CRUDE  
AND INDUSTRIAL SILICATE MATERIALS, BY  
H. RICHLER, S. WOHANSSON.

GERMAN, PER, TONINDUSTRIE-ZEITUNG UND  
KERAMISCHE RUNDschAU, VOL LXXXIV, FEB 1960,  
PP 77-88.

BISI 2046

SCI - CHEM

NOV 61

173,871

Richert.

On a stereoscopic model, by Wiktor  
POLISH, per, Przeglad Geodezyjny, Vol XXXII, No 3,  
1960, pp 82-86. (Call No QB275, P97) Eng Tr)

AMS

EEur - Poland  
Geo  
Sep 60

125,957

*G. Richez*

The Kidney in Chronic Lead Poisoning, by  
G. Richez, et al.  
FRENCH, par, Revue Francaise d'Etudes Cliniques  
et Biologiques, Vol 9, 1904, pp 188-196.  
NTC 71-14146-06T

Feb 72

Hydrogen in Ferrosilicon, by S. Bohmer, W. Richling.  
GERMAN, per, Neue Hütte, Vol VIII, No 11, 1963,  
pp 693, 694.  
HB 4265

43

Sci - Mat/Met  
May 64

258,351

The Prevention and Treatment of Mammitis, by R.  
Richou, G. Thieulin, 214pp.

FRENCH, por, Rec Vet Med, Vol CXXII, No 2, Feb 1955.

SLA 58-389

Sci

Aug 59

93, 685

Electro-Slag Remelting, by W. Richling.

GERMAN, per, Neue Hutte, Vol VI, Sep 1961,  
pp 565-572.

BISI 2608

Sci - Engr

May 62

196,179

1st 127

Comparative Action of Cortisone and an Anticolibaccilar  
vaccine on the Specific Immunity Produced by  
Staphylococcal Anatoxin, by G. Ramon, R. Richou, J. P.  
Thiery, C. Gerbeaux, 6 pp.

FRENCH, per, Compt Rend, Vol CCXXXIV, 1952, pp 2131-2133.

SLA 57-1298

Sci - Medicine  
Apr 58

61,112

Research into the Adjuvant and Stimulant Properties  
of Sapomin, As Regards Immunity, by R. Richou.  
FRENCH, per, Revue d'Immunologie et de Therapie Anti-  
microbienne, vol. 28, 1964, pp. 49-62.  
NTC #0-17054-06E

CSIRO-number 7513

R. Richou

The Development of Staphylococcal Antitoxin in Animals  
Given Injections of Specific Anatoxin, by R. Richou,  
G. Holstein, 27 pp.

Full translation.

FRENCH, per, Revue d' Immunologie, Vol VI, 1941,  
pp 363-380.

S.L.A.

Scientific - Medicine

27,181

Aug 55

Contribution to the Study of Mammitis in Cows, and  
of Staphylococcal Mammitis in Particular. Its Treat-  
ment by Specific Antitoxin, by Remy Richou, Georges  
Holstein, 14 pp.

FRENCH, per, Rec Med Vet, Vol CXVII, 1941, pp 329-338.

S.L.A. Tr No 535/1955

Sci - Medicine  
Mar 1057 CRS/dex

45-883

Richou, R. and Richou, H.  
ACTION OF ANTAGONISTIC COMPLEXES WITH  
STREPTOMYCIN AND SUBTILIN BASE ON THE  
ANTIGENIC POWER OF STAPHYLOCOCCIC TOXINS  
AND ANATOMINS. [1963] [20]p.  
Order from SLA \$1.60

TT-63-18358

Trans. of Revue d'Immunologie [et de Therapie Anti-microbienne] (France) 1952, v. 26, no. 5/6, p. 297-311.

DESCRIPTORS: \*Streptomycins, Antibiotics,  
\*Antigens and antibodies, Antigen-antibody reactions,  
\*Toxins and antitoxins, \*Staphylococcus, \*Bacillus  
subtilis, Biological assay.

Microbic filtrates (culture filtrates of Streptomyces griseus, Bacillus subtilis) can - very likely by reason of their enzymatic properties - destroy the lethal, dermaseptic, and hemolytic properties of another microbic filtrate (culture filtrate of staphylococcus) (Biological Sciences-Pharmacology, TT, v. 11, no. 1).  
(over)

TT-63-18358

- I. Title: Subtilin
- I. Richou, R.
- II. Richou, H.

Office of Technical Services

Staphylococccic Anatoxin and Its Employment in the  
Treatment of Equine Suppurations, by G. Holstein,  
R. Richou, 15 pp.

GERMAN, per, Rec Med. Vet., Vol CIVII, 1941,  
pp 116-125.

S.L.A. 1011

Scientific - Medicine

33,574

Nucleinate of Soda, Substance Aiding and  
Stimulating Immunity, by G. Ramon, A. Chauvaneux,  
R. Richou, C. Gerbeaux, 5 pp.

Full translation.

FRENCH, per, Comptes Rendus, 1952 Vol CCXXV, No 2,  
1952, pp 111-114.

MRH

Scientific - Medicine Aug 53 CRS/DEX

4470

The (Basic) Hot-Blast Cupola, the Open-Hearth  
Steel Plant and the L.D. Crucible Combined in  
One Unit, by Richter, et al. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 6 Mar 1958,  
pp 273-284.

4/1/1988  
Co-op Tr Schme 3v  
Tr 901

Edu - Germany  
Econ  
Jun 58

64,691

Structural Elements of Precision Mechanics,  
by Richter, 61 pp.

GERMAN, per, Basislemente der Feinmechanik,  
1938, pp 285-310. No further reference.

SIL 3208

Sci

Aug 58

69, 771

Process for the Removal of Acid or Basic Vapors  
From Gases or Air Mixtures, by Adolf Richter, 5pp  
G200A5, patent 3,657, cl 22 e, gr 3/02, file no.  
WP 12 e/31,200, by VKS Wolfen Eye Works, Wolfen  
granted 20 Apr 53, in force since 28 July 54  
EPA TT-6-30958

*Adolf Richter*

Sci - Eng  
June 67

329,496

Richter, Adolf.  
RESIDUAL CONTENT IN DISSOLVED SUBSTANCES  
ATTAINABLE IN WATERS TREATED WITH ION  
EXCHANGERS. 18 June 62, 15p. (figs. omitted)  
10 refs.  
Order from SLA \$1.60

63-14093

Trans. of Vom Wasser (West Germany) 1959, v. 26,  
p. 241-257.

DESCRIPTORS: \*Ion exchange, \*Desalination, \*Water,  
Purification, \*Water supplies, Water filters.

(Engineering--Chemistry, TT, v. 10, no. 3)

63-14093

I. Richter, A.

Office of Technical Services

Richter, Adolf, Cohnen, Georg, and Jacobi, Paul.  
THE BASIC HOT-BLAST CUPOLA, OPEN-HEARTH  
PLANT, AND L. D. CONVERTER, USED AS AN  
INTEGRATED UNIT. Rept. no. 640 of the Steelworks  
Committee of the Verein Deutscher Eisenhuttenleute.  
[1961] [26]p. 14 refs.  
Order from SLA \$2.60

61-18372

Trans. of Stahl und Eisen (West Germany) 1958,  
v. 78, no. 5, p. 273-284.

DESCRIPTORS: \*Cupola furnaces, \*Open hearth  
furnaces, Steel industry, Iron industry, Alloys,  
Cleaning, Industrial production, \*Cast iron, Crucibles  
Specific heat, \*Blast furnaces, Electric arcs, Electrical  
equipment, \*Cast steel.

In order to increase the crude steel production of the  
steel foundry at Witten a hot blast cupola with a basic  
(Metallurgy, 11, v. 6, no. 12) (over)

61-18372

- I. Richter, A.
- II. Cohnen, G.
- III. Jacobi, P.
- IV. Title: Verein ..

Office of Technical Services

lining was installed as a premelting unit to supply molten pig iron to the open hearth and the electric steel melting shops. Apart from making hot metal available to the open hearth furnaces the molten pig iron was intended to facilitate duplexing in the arc furnace after oxygen blowing in an LD converter, or direct casting from the latter. The technical construction, lay-out, and integration of the combined installation and the detailed design and construction of the LD converter plant are discussed. The special characteristics of the converter construction are described and the consequent advantages pointed out.

(Author)

PB-

61-18372



Richter, Albrecht P. F.  
ON A NEW KIND OF STEREOSCOPIC APPARATUS  
FOR THE FUNCTIONAL TREATMENT OF SQUINT  
(Über einen Neuartigen Stereoskopischen Apparat zur  
Funktionsellen Behandlung des Schielens). [1961] 8p.  
(foreign text included).

Available on loan from SLA

61-14097

Trans. in manuscript of [Klinische] Monatsblätter  
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\*Optical instruments, \*Optometry, \*Muscles,  
\*Exercise, \*Stereoscopic projectors, \*Optical images,  
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See also 61-14092  
(Unannounced)

61-14097

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CIA-RDP84-00581R0001

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DESCRIPTORS: \*Aluminum, Determination, Photo-  
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